

**ABSTRACT**

The power of a digital signal such as an optical data stream is set via digital-to-analog converter (12) having a reference input (12a) for connection to a DC reference signal (14). The pilot tone is injected into the reference input (12a) of the digital-to-analog converter. In the place of a dual amplitude control (modulation current and pilot tone), the arrangement of the invention only requires a single control, thereby reducing cost, power consumption, microcontroller input/output activity, area occupation (PCB real estate) and failure rate.

(Figure 4)